

## ABSTRACT

An energy converter according to the present invention includes a heat source (radiator 1), which receives externally applied energy and raises its temperature, thereby  
5 emitting electromagnetic radiations, and a radiation cut portion (mesh 2) for cutting down infrared radiations, of which the wavelengths are longer than a predetermined wavelength. The mesh 2 is a woven or knitted mesh of metal wires. The openings of the woven or knitted mesh have an  
10 aperture size that is smaller than the predetermined wavelength.